

$$y = \frac{2x+1}{x-1}, \quad x \neq 1$$

$$x = \frac{2y+1}{y-1}$$

$$(y-1)x = 2y+1$$

$$yx - x = 2y+1$$

$$yx - 2y = 1+x$$

$$y(x-2) = x+1$$

$$y = \frac{x+1}{x-2}, \quad x \neq 2$$